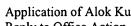
CLAIM AMENDMENTS

1	1.	(Currently Amended) A method of determining participants of a distributed operation
2		transaction in a distributed system, the method comprising the steps of:
B		registering, in a name service, participant data that identifies a plurality of participants
14		that are participating in said distributed operation transaction, wherein said step of
⁵		registering occurs in response to said plurality of participants commencing
6		participation in said distributed transaction; and
7		wherein said distributed operation is a unit of work involving said plurality of
8		participants;
9		wherein said name service registers information received from clients and provides said
10		information to clients that request the information, wherein said clients include
11		one or more nodes different than a node on which said name service resides; and
12		causing a particular node of said one or more nodes that requires information about
13		participants in said distributed operation transaction to request said participant
14		data from said name service.
1	2.	(Currently Amended) The method of Claim 1, wherein the step of causing a particular
2		node includes causing said particular node to retrieve said participant data in response to
3		said particular node performing deadlock detection.
1	3.	(Currently Amended) The method of Claim 1, wherein:
2		said distributed operation is a distributed transaction; and
3		the step of registering includes registering in [[a]] said name service participant data that
4		identifies which database servers of a plurality of database servers are
5		participating in said distributed transaction.
1	4.	(Currently Amended) The method of Claim 1, further including the step of causing
2		updates to said participant data to identify a new participant in said distributed operation
3		transaction.



1	5.	(Currently Amended) The method of Claim 4, wherein:
2		said distributed operation transaction is a distributed database transaction being executed
3		by a set of processes coordinated by a coordinator process;
4		the method further includes the step of said coordinator process causing a new process on
5		a database server to participate in said distributed database transaction; and
6		the step of causing updates to said participant data includes said coordinator process
7		causing updates to said participant data in response to said new process
8		participating in said distributed database transaction.
1	6.	(Currently Amended) The method of Claim 1, wherein:
2		said distributed operation transaction is a distributed database transaction;
3		the step of registering includes registering participant data that identifies which database
4		servers of a plurality of database servers are participating in said distributed
5		database transaction; and
6		the step of causing a particular node includes causing a particular node that requires
7		information about participants in said distributed database transaction to retrieve
8		said participant data from said name service.
1	7.	(Currently Amended) The method of Claim 1, wherein:
2		said distributed operation transaction is a distributed database transaction;
3		the method further includes the step of assigning a transaction identifier to said
4		distributed database transaction;
5		the step of registering includes registering, in said name service, data that associates said
6		participant data with said transaction identifier; and
7		the step of causing a particular node includes causing a particular node to request, from
8		said name service, published data associated with said transaction identifier.
1	8.	(Currently Amended) The method of Claim 1, wherein the steps further include said
2		name service receiving a request from a first process to supply said participant data,

wherein said name service and said first process reside on said particular node.



- 9. (Currently Amended) The method of Claim 8, wherein the step of causing a particular node includes said name service retrieving said participant data from one or more data structures residing on said particular node in response to receiving said request.
- 1 10. (Cancelled)

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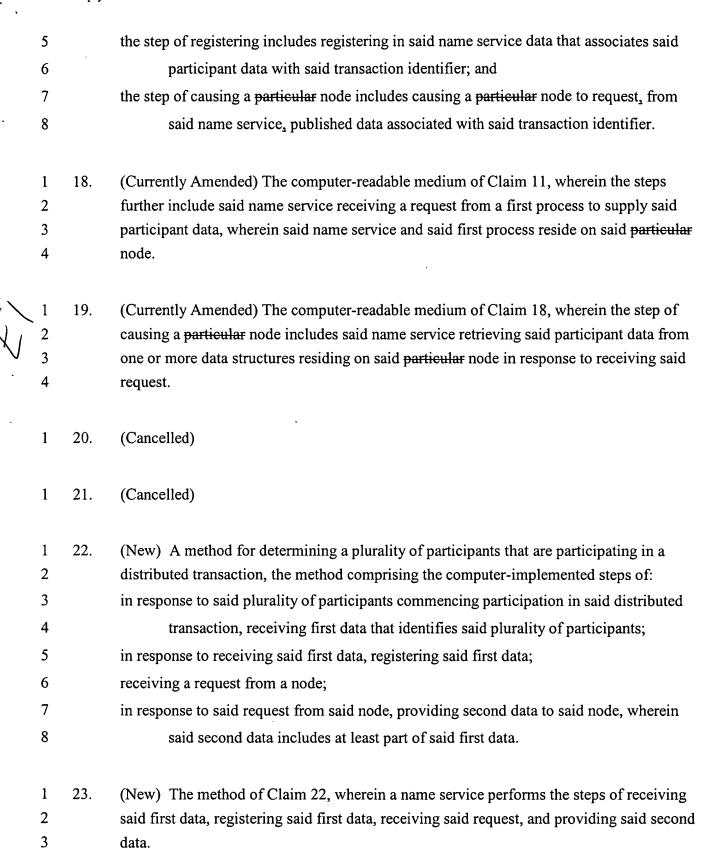
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- 1 11. (Currently Amended) A computer-readable medium carrying one or more sequences of 2 one or more instructions for determining participants of a distributed operation 3 transaction in a distributed system, the one or more sequences of one or more instructions including instructions which, when executed by one or more processors, cause the one or more processors to perform the steps of:
 - registering in a name service participant data that identifies a plurality of participants that are participating in said distributed operation transaction, wherein said step of registering occurs in response to said plurality of participants commencing participation in said distributed transaction; and
 - wherein said distributed operation is a unit of work involving said plurality of participants;
 - wherein said name service registers information received from clients and provides said information to clients that request the information, wherein said clients include one or more nodes different than a node on which said name service resides; and causing a particular node of said one or more nodes that requires information about participants in said distributed operation transaction to request said participant data from said name service.
- 1 12. (Currently Amended) The computer-readable medium of Claim 11, wherein the step of 2 causing a particular node includes causing said particular node to retrieve said participant 3 data in response to said particular node performing deadlock detection.
- 1 13. (Currently Amended) The computer-readable medium of Claim 11, wherein: said distributed operation is a distributed transaction; and

3		the step of registering includes registering in [[a]] said name service participant data that
4		identifies which database servers of a plurality of database servers are
5		participating in said distributed transaction.
1	14.	(Currently Amended) The computer-readable medium of Claim 11, further including the
2		step of causing updates to said participant data to identify a new participant in said
3		distributed operation transaction.
1	15.	(Currently Amended) The computer-readable medium of Claim 14, wherein:
2		said distributed operation transaction is a distributed database transaction being executed
3		by a set of processes coordinated by a coordinator process;
4 /		the computer-readable medium further includes sequences of instructions for performing
· 5	V	the step of said coordinator process causing a new process on a database server to
6		participate in said distributed database transaction; and
7		the step of causing updates to said participant data includes said coordinator process
8		causing updates to said participant data in response to said new process
9		participating in said distributed database transaction.
1	16.	(Currently Amended) The computer-readable medium of Claim 11, wherein:
2	10.	said distributed operation transaction is a distributed database transaction;
3		the step of registering includes registering participant data that identifies which database
4		servers of a plurality of database servers are participating in said distributed
5		database transaction; and
6		the step of causing a particular node includes causing a particular node that requires
7		information about participants in said distributed database transaction to retrieve
8		
0		said participant data from said name service.
1	17.	(Currently Amended) The computer-readable medium of Claim 11, wherein:
2		said distributed operation transaction is a distributed database transaction;
3		the steps further include the step of assigning a transaction identifier to said distributed

database transaction;

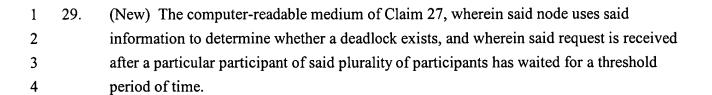


1	24.	(New) The method of Claim 22, wherein said node uses said information to determine
2		whether a deadlock exists, and wherein said request is received after a particular
3		participant of said plurality of participants has waited for a threshold period of time.
1	25.	(New) The method of Claim 22, wherein:
2		said distributed transaction is a distributed database transaction; and
3		said first data identifies one or more database servers of a plurality of database servers
4		that are participating in said distributed database transaction.
1	26.	(New) The method of Claim 22, wherein:
2		said plurality of participants includes all participants in the distributed transaction; and
3		said first data identifies said all participants in the distributed transaction.
1	27.	(New) A computer-readable medium carrying one or more sequences of one or more
2		instructions for determining a plurality of participants that are participating in a
3		distributed transaction, the one or more sequences of one or more instructions including
4		instructions which, when executed by one or more processors, cause the one or more
5		processors to perform the steps of:
6		prior to said plurality of participants commencing participation in said distributed
7		transaction, receiving first data that identifies said plurality of participants;
8		in response to receiving said first data, registering said first data;
9		receiving a request from a node;
10		in response to said request from said node, providing second data to said node, wherein
11		said second data includes at least part of said first data.
1	28.	(New) The computer-readable medium of Claim 27, wherein a name service performs

the steps of receiving said first data, registering said first data, receiving said request, and

providing said second data.

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- 1 30. (New) The computer-readable medium of Claim 27, wherein:
 2 said distributed transaction is a distributed database transaction; and
 3 said first data identifies one or more database servers of a plurality of database servers
 4 that are participating in said distributed database transaction.
- 1 31. (New) The computer-readable medium of Claim 27, wherein:
 2 said plurality of participants includes all participants in the distributed transaction; and
 3 said first data identifies said all participants in the distributed transaction.